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TOPIC	Compress or Station in Kirsanov	1954/1994 1-7.Caleschicalists Architekterische Frischland aus Lieberhaden die Lieber Andersendigde Schilber in Jerusper	nd a the states and a significant which the states and a state state of
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EVALUATION	N 25X1X PLACE OBTAINED	1	25X1A
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SOURCE			\neg
25X1X			
1.	Location	•	_
	The compressor station of Kirsanov Oblast, was constructed for the lo Saratov-Moscow. It is located aboa woods, and about 12% km from the	ong-distance gas pipe line out 8 km NE of Kirsanov in	r
2.	Plant Installations		
25X1X	were completed. They included the electric station, and the compress same time, excavations were started a gas filter station. A month latthe following buildings was begunding, the water tanks, the water coil depot, and the water tower. In by the end of 1946. The water purkiver, about 6 km ESE of the compreducing the Summer of 1946 and compafter first being tested in early into operation by the end of the sout see Annex.	or installation. At the d for the construction of er, the construction of The administration build oling installation, the hese projects were completed by station on the Vorona essor station, was built eleted by February 1947.	sed 1
3.	Work Force	· ·	
	Six hundred PWs, 300 boviet conviction soviet laborers and engineers work After the construction was completed duced to 300 PWs and 10 Soviet lab	ing on the construction. ed the work force was re-	
4.	Canacity		
	According to Soviet statements, the		

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25X1A	Vommen's:			
,	a. This is one of the (allegedly) seven compressor stations of the paratov-Moscow natural gas pipe line. The natural gas resources, the pipe line and some of the compressor stations were previously reported.			
25X1X	b. The detailed sketches of the location and plant layour. wit descriptions, make this report especially valuable.			

1 Annex: Compressor Station in Klrsanov

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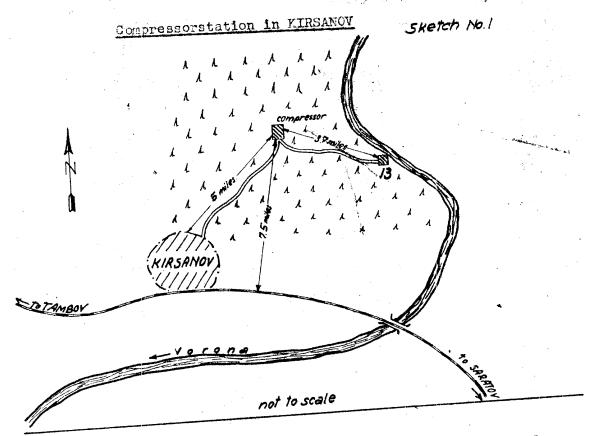
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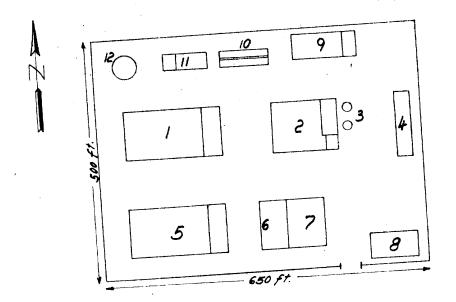
Legeni to annex

- Compressor house, concrete stricture, 04 x 27 x 15 meters equipped with four driving motors, each driving three compressors the foundations of the building are ferro-concrete, and find meters thick. The high pressure steel eight base a diameter of about 30 cm and are constructed to withstand a pressure up to 70 stmospheres.
- 2 Pumping station, slag-concrete structure. 36 m 27 m 6 meters equipped with cleaning tanks 1.8 meters high and 3.6 meters in diameter and many pumps. The repair shop, located in this building, still lacked essential equipment in april 1947
- 3 Two water tanks, 3.6 meters high and 5.4 meters in diameter. Intended reserve containers for cooling water
- 4 Storage building, slag-stone structure, 37% x 9 x 3 meters
- 5 Cas cleaner (filter), slag-stone structure, 54 x 27 x 9 meters with laboratory in the east part of the building
- 6 Boilerhouse, 27 x 13 x 15 meters, slag-stone structure with two gas-fueled flue boilers, convertable to crude oil fueling.
- 7 Power station, slag-stone structure, 27 x 23 x 15 meters, equipped with two natural gas motors, two make Ceneral-Electric generators, and an emergency gasoline fueled generator
- 8 Administration, slag-stone stucco structure, 27 x 13 x 4 meters
- 9 workshop for plant requirements and repairs, 36 x 13 x 4 meters equipped with a forge, annealing furnace and various machines
- 10 water cooler, concrete structure, 27 x 9 x 7 meters
- 11 Oil depot and oil cleaning station for lubricants, $23 \times 9 \times 4$ meters, concrete structure connected with the compressor house and power station by pipes .
- 12 water tower, concrete structure, 5.4 meters in diameter, caracity 40,000 hl (10,550 gallons)
- 13 Fumping station on the Vorona River (see location on sketch), equipped with 10 to 15 water tanks with a total capacity of 100 cu.m. The water is pumped up from about 60 meters into the tanks and from there to the compressor station

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Sketch No. 2



not to scale